

Please type a plus sign (+) → +

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. : 09/318,445
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date : May 25, 1999
Sheet 1 of 3		First Named Inventor: S. MIYOSHI
		Group Art Unit : 2631
		Examiner Name : P. KUMAR
		Attorney Docket No. : FUJA 16.140

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
PH		5,400,322		HLINT, et al.	03/21/1995	
PH		6,574,282		OKADO	06/03/2003	
PH		5,627,863		ASLANIS, et al.	05/06/1997	
PH		6,134,283		SANDS, et al.	10/17/2000	

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		11-313043	JP	NEC CORP	11/09/1999	Corresponds to US Patent No. 6,574,282
		<i>not provided</i>				
PH		10-303872	JP	TSUTSUMI TAKASHI	11/13/1998	
PH		11-168515	JP	SUMITOMO ELECTRIC IND LTD, et al.	06/22/1999	
		10-502511	JP		03/03/1998	Corresponds to US Patent No. 5,627,863
		<i>not provided</i>				
PH		11-289309	JP	AMATE COMMUN CORP	10/19/1999	Corresponds to US Patent No. 6,134,283
		11355193	JP	MITSUBISHI ELECTRIC CORP	12/24/1999	
		<i>not provided</i>				
PH		08-172671	JP	N T T IDO TSUSHINMO KK	07/02/1996	
PH		08-088626	JP	FUJITSU LTD	04/02/1996	

Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
Examiner Signature	<i>Pamela Kumar</i>		Date Considered <i>4/2004</i>

Examiner: Initials of relevant documents, whether or not known to be conformant with MPEP 902. Draw a line through Country if not conformant and not corrected. Include copy of this form with each copy of document as appropriate.

¹United States document number. ²See section 1.0 of U.S. Patent Documents. ³Foreign Office that issued the document, by the two-letter code (WFO Number ST-3). ⁴For separate parts documents, the indication of the year of the page of the document must be used in the number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WFO Number ST-1 if possible. ⁶Applicant is to place a check mark next to English language translation attached.

Patent and Trademark Office. This form is submitted to take 2 hours to complete. Time will vary depending upon the needs of the individual case. Any corrections on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB Control Number. DO NOT SEND FILL OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patent, Washington, DC 20231.

11170244 25

Please type a plus sign (+) → +

Patent and Trademark Office U S DEPARTMENT OF COMMERCE

1449/PTO

U.S. Department of Commerce
Patent and Trademark Office

Application No. : 09/318,445

Filing Date : May 25, 1999

INFORMATION DISCLOSURE**STATEMENT BY APPLICANT**

Sheet 2 of 3

First Named Inventor: S. MIYOSHI

Group Art Unit : 2631

Examiner Name : P. KUMAR

Attorney Docket No : FUJA 16.140

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
PW		6,009,122		CHOW	12/28/1999	
PW		5,991,311		LONG, et al	11/23/1999	

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ² Kind Code ² (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		2000-514991	JP		11/07/2000	Corresponds to US Patent No. 6,009,122
		not provided				
		61-218240	JP	TOSHIBA CORP	09/27/1986	
		not provided				
PW		2000-032096	JP	SENCIRYUUMU TECHNOL CORP	01/28/2000	Corresponds to US Patent No. 5,991,311
		11-341153	JP	FUJITSU LTD	12/40/1999	Corresponds to WO Patent No. 99/53679
		not provided				
PW		99/53679	WO	FUJITSU LTD	10/21/1999	
		2002-519886	JP		07/02/2002	Corresponds to WO Patent No. 99/67890
		not provided				
PW		99/67890	WO	PC TEL, INC.	12/29/1999	
		11-331100	JP	NEC CORP	11/30/1999	
		not provided				
PW		11-163307	JP	SUMITOMO ELECTRIC IND LTD	05/21/1999	

Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
Examiner Signature	Pankaj Kumar		Date Considered 4/20/01

¹Examiner Initial: Initial of examiner considered, reviewer or reviewer in all correspondence with MPEP 602. Draw a line through number if not in correspondence and not considered. Attach copy of this form with each correspondence to applicant.

²Unique Cited Document Number: See attached Table of U.S. Patent Documents. ³Foreign Office and, where appropriate, by the inventor's name (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Area of document by the appropriate symbol as indicated on the document with WIPO Standard ST.1, if possible. ⁶Applicant is to place check mark here if English language Translation is attached.

Patent Prior Art Search: This form is intended to be a 2 hour or less preliminary search. It will vary depending upon the needs of the individual case. Any information on the results of the search should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

11170244.25

Please type a plus sign (+) → +

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1449/PTO

U.S. Department of Commerce
Patent and Trademark Office

Application No. : 09/318,445

Filing Date : May 25, 1999

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 3 of 3

First Named Inventor: S. MIYOSHI

Group Art Unit : 2631

Examiner Name : P. KUMAR

Attorney Docket No. : FUJA 16.140

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
Ph		6,510,184		OKAMURA	01/21/2003	

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		10-56486	JP	FUJITSU LTD	02/24/1998	
		2002-500855	JP		01/08/2002	Corresponds to WO Patent No. 99/50967
Ph		99/50967	WO	MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC.	10/07/1999	
		11-261665	JP	MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC.	09/24/1999	Corresponds to WO Patent No. 99/35756
Ph		99/35756	WO	MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC.	07/15/1999	
Ph		2000-078105	JP	NEC CORP	03/14/2000	Corresponds to US Patent No. 6,510,184

Other Prior Art-Non Patent Literature Documents

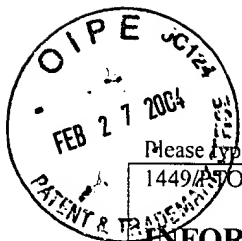
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, country, where published, source	Applicant check her if English language translation attached
		OKADO, et al., "A STUDY ON ADSL SYSTEM FOR TCM-JSON-CROSSTALK" 1998 IEICE GENERAL CONFERENCE, p. 403	
Examiner Signature		Pankaj Khuman	Date Considered 4/2004

Applicant must submit a copy of the document to the Patent and Trademark Office, Washington, DC 20231. The document must be submitted in English. If the document is in another language, the applicant must submit a copy of the document in English. The document must be submitted in a format that is acceptable to the Patent and Trademark Office. The document must be submitted in a format that is acceptable to the Patent and Trademark Office. The document must be submitted in a format that is acceptable to the Patent and Trademark Office.

Applicant must submit a copy of the document to the Patent and Trademark Office, Washington, DC 20231. The document must be submitted in English. If the document is in another language, the applicant must submit a copy of the document in English. The document must be submitted in a format that is acceptable to the Patent and Trademark Office. The document must be submitted in a format that is acceptable to the Patent and Trademark Office. The document must be submitted in a format that is acceptable to the Patent and Trademark Office.

Applicant must submit a copy of the document to the Patent and Trademark Office, Washington, DC 20231. The document must be submitted in English. If the document is in another language, the applicant must submit a copy of the document in English. The document must be submitted in a format that is acceptable to the Patent and Trademark Office. The document must be submitted in a format that is acceptable to the Patent and Trademark Office. The document must be submitted in a format that is acceptable to the Patent and Trademark Office.

11170244.25



Please type a plus sign (+) → +

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1449/ASTO

U.S. Department of Commerce
Patent and Trademark Office

Application No. : 09/318,445

Filing Date : May 25, 1999

First Named Inventor: S. MIYOSHIA

Group Art Unit : 2631

Examiner Name : P. KUMAR

Attorney Docket No. : FUJA 16.140

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
PM		60-157350	JP	NEC CORP	08/17/1985	
PM		02-109436	JP	NIPPON TELEGR & TELEPH CORP <NTT>	04/23/1990	
		10-503893 not provided	JP		04/07/1998	Corresponds to WO 95/34149
PM		95/34149	WO	AMATI COMMUNICATIONS, INC., et al.	12/14/1995	
PM		09/008770	JP	MATSUSHITA ELECTRIC IND CO LTD	01/10/1997	

Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached
		XDSL, NEW SYSTEMS "SDMT" PREVENTS CROSSTALK WITH ISDN—TALK WITH DMT-DEVELOPER NIKKEI COMMUNICATIONS, 1997, p. 83 not provided	
Examiner Signature	Pamela Kumar		Date Considered 4/2004

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1⁶ if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED

MAR 02 2004

Technology Center 2600